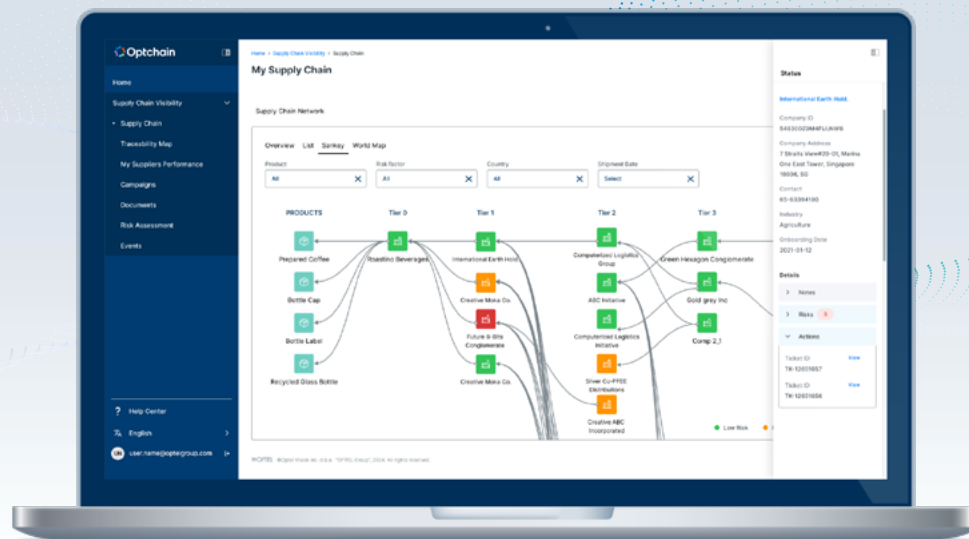




PREPARING FOR EUDR IN THE AUTOMOTIVE SECTOR

Practical guide for
manufacturers, OEMs,
and suppliers operating
in Europe



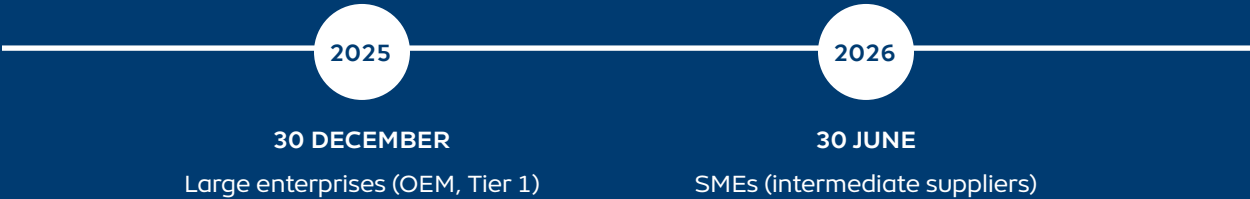
EXECUTIVE SUMMARY

With the progressive entry into force of the European Deforestation Regulation (EUDR), players in the automotive sector are now required to trace, document, and declare the origin of deforestation-risk raw materials, such as natural rubber, leather, wood, or soy used in their components.

Given the globalized, fragmented nature of the sector and its strong quality and volume imperatives, EUDR compliance represents an unprecedented challenge. It's no longer just about documentary compliance: geographic and environmental proof is now mandatory.

Optchain offers an interoperable, proven, and adaptable solution for the automotive industry to help map complex supply chains, trace at-risk components, and automate the generation of mandatory Due Diligence Statements (DDS).

KEY COMPLIANCE DATES



EUDR RAW MATERIALS IN AUTOMOTIVE

MATERIAL	TYPICAL USE IN AUTO SECTOR	RISKS
Natural Rubber	Tires, seals, hoses, silent blocks	Deforestation (Asia, Africa)
Leather	Seats, trim, steering wheels	Cattle ranching in risk areas (Latin America)
Tropical Wood	Decorative inserts, high-end steering wheels	Illegal timber, opaque traceability
Soy	Bioplastics, lubricants	Indirect source of deforestation

SPECIFIC OBLIGATIONS OF THE AUTOMOTIVE SECTOR

OBLIGATION	DESCRIPTION
Material-by-product traceability	Link each component (tire, trim, part) to the raw material of origin
Lot traceability	
Geographic proof	Provide geolocation of rubber plantations, cattle farms, forests
DDS declaration	Submit a due diligence file for imported or processed products
Indirect supplier collection	Obtain reliable data from cascading suppliers (down to origin)



CRITICAL CHALLENGES FOR AUTOMOTIVE MANUFACTURERS

- Multi-level complexity (OEM > Tier 1 > Tier 2/3)
- High risk of opacity regarding indirect materials
- Few suppliers equipped to provide GPS coordinates or certified data
- Need for scalability and interoperability with PLM, ERP, or quality systems

RECOMMENDED EUDR STRATEGY FOR AUTOMOTIVE

1. Identification of EUDR-subject components

- Map products using customs codes (i.e., rubber, leather, wood, soy)
- Identify the upstream supply chain by supplier and material

2. Analysis of current traceability level

- Do you have proof of origin for each material?
- Are your Tier 1 suppliers already collecting GPS or certification data?

3. Implementation of a collection and verification system

- Implement a traceability system that can capture primary data at the product or batch level
- Common platform to collect supplier data (portal or API)
- Automated verification of risk areas via satellite imagery

4. Generation and management of EUDR declarations

- Integration with the EU Commission's Traces NT platform
- Automatically generate DDS by batch, component, or product range

EUDR CHECKLIST – AUTOMOTIVE SECTOR

A. Internal Mapping

- Have you identified products using rubber, leather, wood, or soy?
- Do your material nomenclatures list suppliers or areas of origin?
- Do you have data on upstream traceability from your Tier 1 / Tier 2?

B. Supplier Collection

- Can your suppliers provide GPS coordinates of the operations?
- Do you have environmental or deforestation certificates?
- Is an EUDR-dedicated portal or workflow in place?

C. Governance and IT System

- Do you have a cross-functional EUDR project team (compliance, purchasing, quality)?
- Can data be centralized in a single tool?
- Are you able to generate a DDS declaration for a component?

HOW OPTCHAIN SUPPORTS YOU

Optchain for automotive means:

- Material-product mapping: Identifies at-risk flows in product nomenclatures
- Multi-channel data collection: Supplier questionnaires, ERP API, certification integration, EPCIS, EDI
- Origin verification via dynamic mapping: Geolocation, proofs, satellite analyses
- Automatic DDS preparation: Compatible with EUDR formats, multilingual, exportable
- Integration with your industrial tools: SAP, Teamcenter, Windchill, or internal supplier portals

Our strength: a platform designed for manufacturers, reaching down to the plot level but tracing up to the finished component.

READY TO GET STARTED?  [Request a conversation with one of our experts](#)



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